Work Order ID 70153 Monday, May 30, 2011 11:39:27 AM						A	5A)	P	³ 2	Page 1
Item ID: D3339-3 Revision ID:	A	ccept					Setup	Start		
Item Name:Wearpad CenterStart Date:5/30/2011Start Qty:10.00Required Date:6/3/2011Req'd Qty:10.00Reference:			Cust Item I Customer:	D:				Stop		
Approvals: Process Plan:QC:	****	Tooling: SPC (Y/N):		ite:			Run	Start Stop		
Sequence ID/ Operation Work Center ID Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
Draw Nbr Revision Nbr D3339 Rev A	•									
100 FLOW WATER JET Waterjet Memo	,	0.00				R)((~<	T-30	>	
FLOW CNC Waterjet Dwg Rev: Prog Rev: 2-Deburr if ne	<u>B</u>								(i)	,
QC2- Inspect parts off mad	chine FAI/FAIB	0.00				<u>** 13</u>	11-5	-30		
Quality Control				ုမှာ အ	 Ž	·				
120 QC8- Inspect parts - secon	d check	0.00 S www	130			(416))			

Quality Control

W/O:	Ü		W	ORK ORDER CHA	NGES					
DATE	STEP	PRO	CEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:	Fault Cat	tegory:	NO	R: Yes	No DQ	4:	Date:	
	R	esolution:	Disposit	ion:	Q/	A: N/C CIG	osed:		Date:	·
NCR:		V	ORK OR	DER NON-CONFO	MANC	E (NCR	3)			
DATE	OTED	Description of NC		Corrective Action	Section B		Verific	ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Descript Chief Eng	ion	Sign & Date	Secti		Chief Eng	QC Inspector
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Work Order ID 70153

Monday, May 30, 2011 11:39:27 AM



Page 2

Item ID:

D3339-3

Accept

Setup Start



Revision ID:

Item Name:

Wearpad Center

Start Date: Required Date: 6/3/2011

5/30/2011

QC:

Start Qty: 10.00

Req'd Qty: 10.00



Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

Process Plan: _____ Date: ____ Tooling:

Date: _____

2-Form as per Dwg D3339 using DT8326 and DT8261

Date:

Date:

Tool # Plan

Code

Start

Stop

Reject

Qty

Run

Stop



Sequence ID/

Work Center ID

130

Brake NC

Brake NC

Operation Description

NC BRAKE

Memo

Set Up/ **Run Hours**

SPC (Y/N):

0.00

0.00

SB 11/05/31

Accept

Qty

Reject Insp. Number Stamp

140

QC

Quality Control

QC5- Inspect part completeness to step on W/O

1-Deburr if necessary

150

Large Fab

Large Fab

Large Fab

Memo

Memo

0.00

0.00

1-Weld Hard coat 7560 per Dwg D3339 use DT8210 & DT8810 Layout Jig A/R 7560 Hardcoat Batch: Min 139

EL 11-5-31

W/O:			N	ORK ORDER CHA	NGES			. , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
DATE	STEP	PRO	CEDURE CH	IANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:			1				Date:	
	R	esolution:	Disposit	ion:	QA	: N/C Clo	sed:		Date: _	
NCR:			WORK OR	DER NON-CONFO	RMANCE	(NCR)				
DATE	OTED	Description of NC		Corrective Action	Section B		Verific	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Descript Chief Eng	on	Sign & Date		on C	Chief Eng	QC Inspector
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Work Order ID 70153

Monday, May 30, 2011 11:39:27 AM



Page 3

Item ID:

D3339-3

Accept

Setup Start

Stop



Revision ID:

Item Name:

Wearpad Center

Start Date: 5/30/2011 Required Date: 6/3/2011

Start Oty: 10.00

Rea'd Otv: 10.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: _____ Date:

Date:

Tooling: SPC (Y/N): Date:

Date:

Run

Start



Stop

Sequence ID/

Work Center ID

160

170

Operation Description

OC:

QC10- Inspect visual per OSI004- ground welds

Set Up/ Run Hours

0 mos/3/

Tool ID

Tool # Plan Code

Accept **Qty**

Reject Oty

Reject Insp. Number

Stamp

Ouality Control

Memo

Grey Sandtex(Ref:4.3.5.6) per OSI005 4.3

START TIME:

FINISH TIME:

OVEN TEMPERATURE:

Memo

0.00 .

Powdercoat

Powder Coating

QC3- Inspect Part Finish

0.00

Memo

0.00

16x 8 m/ 4/05/31

16 6 BR 11-5-31

180

QC

Quality Control

	-									
W/O:			W	ORK ORDER CHA	NGES					
DATE	STEP	PRO	CEDURE CH	IANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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		esolution:								
NCR:		V	VORK OR	DER NON-CONFOI	RMANCE	(NCR))			
DATE	STEP	Description of NC	:	Corrective Action	Section B	0:		cation	Approval	Approval
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Work Order ID 70153

Monday, May 30, 2011 11:39:27 AM



Page 4

Item ID:

D3339-3

Accept

Setup Start

Stop



Revision ID:

Item Name: Start Date:

Wearpad Center

5/30/2011

QC:

Start Otv: 10.00

Rea'd Qty: 10.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: Date: Tooling:

Set Up/

Run Hours

Date:

Run

Start



Required Date: 6/3/2011

Date: SPC (Y/N): Date:

Stop

Sequence ID/

Work Center ID

190

Packaging

Operation Description

Identify as per dwg & Stock Location: 499 A

0.00

Tool ID

Tool # Plan Code

Accept Qty

Reject Otv

Reject Number

Insp. Stamp

Packaging

Memo

0.00

200

Quality Control

QC

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

MP-06-01

W/O:			W	ORK ORDER CHA	NGES					. ,
DATE	STEP	PRC	CEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #:	Fault Cat	egory:	NO	CR: Yes	No DQ	A:	_ Date: _	
	R	esolution:	Dispositi	on:	Q,	A: N/C Cld	sed:		Date: _	
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DATE	STEP	Description of NC		Corrective Action	Section B	0: 0	Verifi	cation	Approval	Approval
DATE	SILF	Section A	Initial Chief Eng	Action Descript Chief Eng	on	Sign & Date	Sect	tion C	Chief Eng	QC Inspector
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Picklist Print

Monday, May 30, 2011 11:39:24 AM

Work Order ID: 70153

Parent Item: D3339-3

Parent Item Name: Wearpad Center



Start Date: 5/30/2011

Required Date: 6/3/2011 Required Qty: 10.00

Page 1

Start Qty: 10.00

Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M1010S16GA		Purchased	No				sf	152.0000		1,5			
										: (2	11-5-3	S	

1010/1025 sheet 16GA

Location Loc Code Loc Qty MAT019 152 34 116791 117500 118

	-				1					
W/O:			W	ORK ORDER CHA	NGES					
DATE	STEP	PRO	OCEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	egory:	NC	R: Yes	No DQ	A:	Date: _	
	R	esolution:	Disposition	on:	QA	: N/C CI	osed:		Date: _	
NCR:		,	WORK ORD	ER NON-CONFO	RMANCE	(NCR)			
DATE	CTED	Description of NC		Corrective Action	Section B		Verifi	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Descript Chief Eng	ion	Sign & Date		ion C	Chief Eng	QC Inspector
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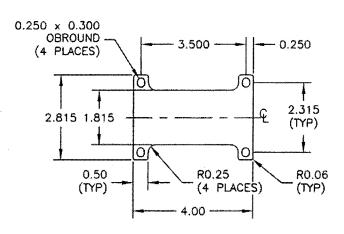
NOTE: Date & initial all entries

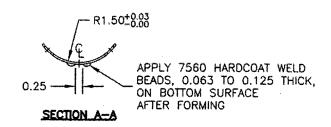
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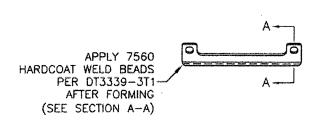
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CHEC	⟨ED /	APPROVED M	DRAWING NO. REV. B
	#	-#	D3339 SHEET 1 OF 3
DATE			TITLE SCALE
05.1	1.22		REPLACEMENT WEARPAD 1:3
Α		05.06.06	NEW ISSUE
В		05.11.22	CORRECTED HOLE SPACING D3339-7F

BELEASED





D3339-1F FLAT PATTERN



APPLY 7560
HARDCOAT WELD BEADS
PER DT3339-5T1
AFTER FORMING
(SEE SECTION A-A)

D3339-3 CENTER WEARPAD (MADE FROM D3339-1F)

D3339-5 FORWARD WEARPAD (MADE FROM D3339-1F)

D3339-1F/-3/-5 WEARPAD

<u>NOTES</u>

1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES COLD ROLLED STEEL 16 GAUGE (0.060 THICK)

LINE

2) PART IS SYMETRICAL ABOUT CENTER LINE

3) WELD PER DART QSI 004

- 4) FINISH: POWDER COAT GREY SANDTEX (REF. 4.3.5.6) PER DART QSI 005 4.3
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES
- 7) BREAK ALL SHARP CORNERS 0.063 MAX

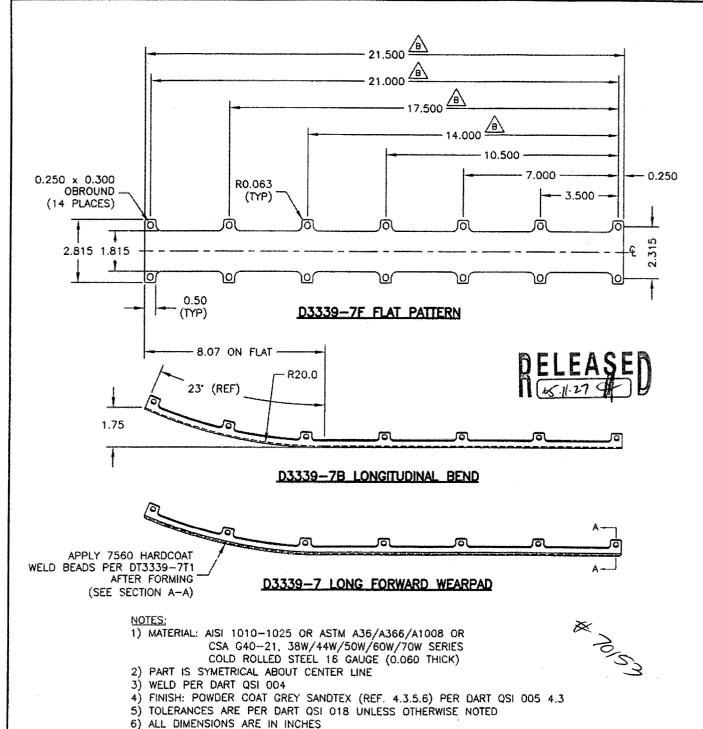
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Part No	:	PAR #:	Fa	ult Ca	tegory:	_ NCI	R: Yes I	Vo DQ	A:	_ Date: _	
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NCR:		\	WORK	OR	DER NON-CONFORMA	ANCE	(NCR)			
DATE	STEP	Description of NC	In	tial	Corrective Action Section Description	ion B	Sign &		cation tion C	Approval Chief Eng	Approval QC Inspector
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do	1 Of	D3339	SHEET 2 OF 3
DATE		TITLE .	SCALE
05.11.22		REPLACEMENT WEARPAD	1:4



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7) BREAK ALL SHARP CORNERS 0.063 MAX

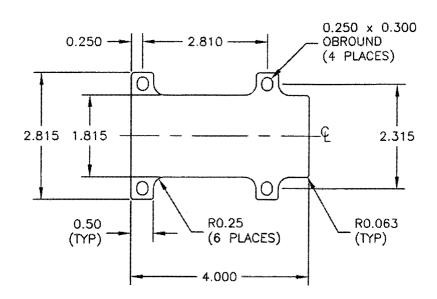
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DATE	STEP	Description of NC	Initial	Corrective Action Action Desc		Sign &	Verification	Approval	Approval
		Section A	Chief Eng	Chief Er		Date	Section C	Chief Eng	QC Inspector

NOTE: Date & initial all entries

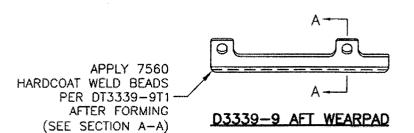
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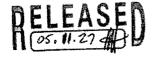


DESIGN MB	DRAWN BY MB	DART AEROSPAC HAWKESBURY, ONTARIO, (
CHECKED	APPROVED	DRAWING NO.	REV. B
1 #	1	D3339	SHEET 3 OF 3
DATE		TITLE	SCALE
05.11.22		REPLACEMENT WEARPAD	1:2



D3339-9F FLAT PATTERN





NOTES:

1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES COLD ROLLED STEEL 16 GAUGE (0.060 THICK)

- 2) PART IS SYMETRICAL ABOUT CENTER LINE
- 3) WELD PER DART QSI 004
- 4) FINISH: POWDER COAT GREY SANDTEX (REF. 4.3.5.6) PER DART QSI 005 4.3
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES
- 7) BREAK ALL SHARP CORNERS 0.063 MAX

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DART AEROSPACE LTD	Work Order:	70153
Description: Wearpad	Part Number:	D3339-3
Inspection Dwg: D3339 Rev: B		Page 1 of 1

	FIRST	ARTICLE IN	SPECTIO	ON CHE	CKLIST			
	X	First Articl	le 🗌	Proto	type			
Drawing Tolerance		Actual Dimension	Accept	Reject	Method of Inspection	Cı	omments	
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0.50	+/-0.010	,501	7		V			
4.00	+/-0.010	4.004	2		V			
2.315	+/-0.010	2.315	8		V .			
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	1-5-30	Date:	14/31			Date:	N/A	
Rev Date C	hange		•		Revise	d by, ,	Approved	

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	Date:	11-5-30	Date: 144/31	Date:	N/A	
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W/O:				WOR	K ORDER CHANG	ES					
DATE	STEP	PRO	CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
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